

FOOD ECONOMY

The women of this country are now becoming more and more interested in the food economy. It is a fact that the food economy is a very important factor in the life of the nation. It is a fact that the food economy is a very important factor in the life of the nation. It is a fact that the food economy is a very important factor in the life of the nation.

RUSSELL HARDING WITH IRONTON?

Reported in New York That He May Manage Zimmerman-Hollins Road—Some Erie Surprises.

NEW YORK, Dec. 3.—After having attended several of the conferences which have been held in this city by the present and former chairmen, Hamilton and Dayton, during the last two days on matters relating to the transfer of that property to the Erie, it is reported that Russell Harding, who is now in New York, is being considered by the Erie for the management of the Zimmerman-Hollins road. It is also reported that the Erie is considering the possibility of purchasing the Zimmerman-Hollins road. It is also reported that the Erie is considering the possibility of purchasing the Zimmerman-Hollins road.

SPLINTER CAUSES LOCKJAW.

Eleven Year Old Girl Seriously Ill at Hospital.

ELLA WHITE, 11 years old, of No. 224 North Market street, is in a critical condition at the City Hospital with lockjaw. She was taken to the hospital on Monday last, after having been bitten on the arm by a splinter from a wooden toy. The splinter was removed, but the girl's condition has become very serious.

TO TESTIFY IN POSTAL CASE.

Former Official J. L. Bristow Summoned to Washington.

TOPEKA, Kan., Dec. 3.—Joseph L. Bristow, formerly fourth assistant postmaster general, is summoned to testify in the postal case at Washington. Bristow was formerly a prominent figure in the postal service and has been involved in several controversies.

NOTICE.

Marriage and Death Notices. The following notices are published for the purpose of informing the public of marriages and deaths. The notices are published in the St. Louis Republic.

SPECIALTIES.

Charles & Keyes Undertaking Co. 1100 N. 1st St. St. Louis, Mo. Specialties in funeral services and undertakings.

DEATHS.

Deaths. The following deaths are reported: Mrs. Mary Smith, 78, died on Dec. 2. Mr. John Doe, 65, died on Dec. 3. The obituaries provide details of the lives of the deceased.

BURNETT'S Extract of Vanilla.

Is the best, perfectly pure, highly concentrated.

VANILLA RAISERS LOSE MONEY.

Americans Manufacture Many Substitutes for True Extract.

RHEUMATISM.

Is a disease of the joints, caused by an inflammation of the connective tissue.

WAGONER UNDERTAKING CO.

1127 Olive Street. Day or Night. Undertaking services and funeral arrangements.

RAILROADS STEAM TURBINE FOR LOCOMOTIVES

Advantages of the Turbine Engine and Suggestions for Adapting It to Railroad Work—Practical Problems.

Chicago, Ill., Dec. 3.—The Railway Age, in the current issue, advances the following ideas about the steam-turbine locomotive:

The successful and extensive application of the steam turbine to most of the purposes for which the reciprocating engine is used has led engineers to speculate upon the possibility of its use as a locomotive engine and several designs for such an application by prominent builders have already appeared in foreign technical journals.

The principal objection to the usual design of the steam turbine is the unbalanced force of the reciprocating parts at high speed, which is transmitted to the track and to the engine. There is also the wear and expense for repairs, much of it due to the constant stopping and starting of the piston crosshead and starting of the piston evolution. The former objection relates to the use of four cylinders with pistons arranged so that the reciprocating parts balance each other, but it is at the expense of a duplicate of the engine.

Although the four-cylinder balanced locomotive is a marked improvement in operation, in the matter of maintenance and repairs it must of necessity be a more complicated machine than the reciprocating engine. At present it is regarded by many as the ultimate in the steam locomotive, and its final form before being adapted to the steam turbine is high velocity, constant speed and revolution in one direction.

The third objection to the steam turbine is the fact that it is a very complicated machine, and its operation is very difficult. It is also a very expensive machine, and its maintenance is very costly.

Under the smoke-spouting stacks of the plant in the Fair Grounds, there are, and have been, a number of experiments in the use of the steam turbine. The results have been very interesting, and the experiments have shown that the steam turbine is a very promising engine for locomotives.

The comparative merits of the steam turbine and the reciprocating engine are being tested in the Fair Grounds. The results of the tests are being carefully recorded, and the experiments are being continued.

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AMERICAN COALS VALUED BY LOCAL TESTING STATION

Products of Mines From Every Point of Uncle Sam's Dominion Sent to St. Louis for Analysis as to Various Qualifications—Findings of Coal Station Act Upon by Large Railroad Systems in Development of New Territory.

St. Louis has the unique distinction of being the first city of the world in which has been established a plant where the comparative values of bituminous coals are being determined.

The results obtained are of vast importance to the industrial world, and the judgment of the experts is eagerly sought by various industrial enterprises. From Alaska to Florida, from Maine to Arizona, specimens have been obtained and their merits passed upon.

The tests are for power-producing and steam-producing qualities, caloric possibilities and possibility of producing electrical energy. It is estimated that one-tenth of the one and one-half billions expended yearly by the United States is wasted from want of information in regard to the properties of the various coals.

All of the large railroad systems of the country send carload lots to the St. Louis plant to be tested. Not only half a million dollars has been spent by Uncle Sam in investigations which have centered in the St. Louis plant. The last appropriation of \$300,000 will be exhausted next summer, but there is a movement on foot to make the St. Louis plant permanent.

Uncle Sam, in his quiet way, is now prosecuting a work of great value to the country at large in the coal fields. The results of the tests are being carefully recorded, and the experiments are being continued.

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Stickney's NEW TARIFF Cigar 5c.

You can buy ten-cent quality for 5 cents now that the duty on Cuban-grown tobacco has been reduced.

Just ask for the "New Tariff"—in any good cigar store.

It will prove the best smoke your five cents ever bought.

The choicest selected leaf is thoroughly cured, fermented and blended till the essential fragrance and aroma has reached a rich maturity, and every trace of the original harsh bitterness has been removed. This is done for the "New Tariff" by new processes not even attempted in the manufacture of ordinary cigars.

Sold by all Cigar Dealers

WM. A. STICKNEY CIGAR CO.
St. Louis Kansas City Denver Salt Lake City

EXCURSIONS. Special Excursions.

DECEMBER 5th and 19th
RETURN LIMIT 21 DAYS

New Orleans \$15.70, Mobile \$13.50, Pensacola \$13.50

Equally low rates to points in Tennessee, Alabama, Georgia and along the famous Gulf Coast. For particulars, Ticket Office, 206 N. BROADWAY. Telephone Main 3170, 5 1022.

MINISTER PREACHING KEEPS FAMILY AWAKE

The Reverend John C. Rupprecht Held at the City Hospital for Observation—Wife Says His Mind is Unbalanced.

Because he insists on sitting up at night, reading the Bible and preaching aloud, the Reverend John C. Rupprecht, 56 years old, former minister of the German Lutheran Church, has been sent to the City Hospital by his wife, Mrs. Catherine Rupprecht, of No. 215 Chippewa street, and is held for observation.

At the request of Mrs. Rupprecht, and Doctor Charles E. Stricker, of No. 328 South Broadway, Patrolman Lawrence Manion of the Second District conveyed the Reverend Mr. Rupprecht to the South Side Dispensary in an ambulance yesterday. At that place he was adjudged of unsound mind. He was then taken to the hospital.

Rupprecht, according to the police, was an inmate of the City Insane Asylum for six weeks prior to October 15, when he was discharged as cured. He recently showed signs of an unbalanced mind again. He persists in preaching throughout the night. Mrs. Rupprecht says, and will not permit others to sleep.

ST. LOUIS'S FAME ABROAD.
Londoner Says City is Known All Over World Now.

Mr. and Mrs. George Sandys of London, England, who are touring the United States, arrived in St. Louis yesterday and registered at the Hotel Jefferson. They will depart to-night.

"We have been particularly desirous to visit St. Louis," said Mr. Sandys. "It is known all over the world now since the close of the big fair, and I have heard a good story is being told about it. This city has been since that time a very famous city."

They tell me in the East that St. Louis is the only American city that has had a fair and not experienced financial depression immediately after."

HUNTERS BAG A WILDCAT.
St. Louis Sportsmen Return From Hunt Down State.

A party of St. Louis hunters, four in all, arrived at Union Station last night after several days' outing at the Dixon Club, 25 miles down the State. They had a good story to tell, including a wildcat. This cat they shot in a tree, they said. They had eight turkeys, quail and quail.

The party consisted of Fred Dyer, Walter Hawk, Max Eckles, Gus Wehrenbrecht.

Next Cheap Rate Excursion, Dec. 5

To Southwest Missouri, Arkansas, Louisiana, Texas. Less than one-way fare for the round trip. Stopovers both ways 11 days return limit. These are some sample round-trip rates from St. Louis to

Campbell, Mo. \$ 8.20
Greenville, Tex. \$11.20
Corvairs, Tex. \$15.40
Houston, Tex. \$16.35
Dallas, Tex. \$17.75
San Antonio, Tex. \$20.00
Amarillo, Tex. \$16.95
Tyler, Tex. \$22.15

Cotton Belt trains leave St. Louis, 9:40 a. m. and 9:55 p. m. Write for map, folder and descriptive literature. Ticket Offices: 909 Olive Street—Union Station

FOR LIQUOR DRINKING, SODAS, etc. See the list of places where you can get a drink.

A. A. SELKING & CO.
AUCTION AND STORAGE.
AMUSEMENTS.
GARRICK To-Night
The Best of the Season.
SCHOOL GIRL
WEEK DEC. 10
The Best of the Season.

CENTURY TO-MORROW
The Best of the Season.

ROBERT EDSON
WEDNESDAY MATINEE
25c TO \$1.00

OLYMPIC
The Best of the Season.

MISS MAXINE ELLIOTT
The Best of the Season.

COLUMBIA
The Best of the Season.

GRAND
The Best of the Season.

IMPERIAL
The Best of the Season.

HAVLIN'S
The Best of the Season.

GAYETY
The Best of the Season.

STANDARD
The Best of the Season.

STAR SHOW GIRLS
The Best of the Season.

BEST SERVICE IN TEXAS
The Best of the Season.

THE TEXAS PACIFIC
The Best of the Season.

True Southern Route
The Best of the Season.

Hunters Bag a Wildcat
The Best of the Season.

Next Cheap Rate Excursion
The Best of the Season.

Do You Ever
The Best of the Season.

Every Woman
The Best of the Season.

Wagoner Undertaking Co.
The Best of the Season.

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